SIRIUS SATELLITE RADIO

RADIO YOUR WAY™

SCC1C

SiriusConnect™ Vehicle Tuner

Installation Guide

Congratulations on the Purchase of your new SIRIUS SCC1C SiriusConnect Vehicle Tuner.

The SCC1C SiriusConnect Vehicle Tuner is designed to work with any Sirius-Ready or SAT Radio Ready headunit. Some headunits will require the use of a SiriusConnect Interface Translator. Please consult your headunit manufacturer for more details concerning compatibility and interface availability. The SCC1C can also be integrated in select factory audio systems. Please consult your retailer for interface compatibility options. For the latest information about this and other SIRIUS products and accessories, visit http://www.siriuscanada.ca.

Compatible with Sirius-Ready or SAT-Radio Ready Headunits

SIRIUS READY

SAT RADIO READY

May require a SiriusConnect Interface cable or translator

SIRIUS connect

SIRIUS SATELLITE RADIO

RADIO YOUR WAY™

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Warning and Safety Information

Safety Precautions

Be sure to observe the following warnings. Failure to follow these safety instructions and warnings may result in a serious accident and/or personal injury..

- Install the cables and wiring so that it is not crimped or pinched by screws or sharp metal edges. Route the cables away from moving parts or sharp pointed edges. This will prevent crimping and damage to the wiring. If the wiring must pass through a metal hole, be sure to use a rubber grommet to prevent the wire's insulation from being cut by the metal edge of the hole.
- Use caution if you need to disconnect the battery terminal. Please consult the vehicle's owner's manual or a service technician prior to removing the battery positive or ground connection, as it may cause damage to the vehicle's electrical system or require reprogramming of the vehicle's computer-controlled devices.
- Do not operate any function that takes your attention away from safely driving your vehicle. Any function that requires your prolonged attention should only be performed after coming to a complete stop. Always stop the vehicle in a safe location before performing these functions. Failure to do so may result in an accident.
- Do not open, disassemble or alter the unit in any way. Doing so may result in fire, electric shock or product damage.
- Do not insert any objects into the unit. Doing so may result in fire, electric shock or product damage.
- Do not install in locations that might hinder vehicle operation. Doing so may obstruct vision or hamper movement which can result in a serious accident.
- Do not install the unit to high levels of humidity, moisture or dust. Doing so can result in electric shock or product failure.

FCC Warning

This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in this User Guide. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

FCC Compliance

Note: This equipment has been tested and found to comply with Part 15 of the FCC Rules. These rules are designed to provide reasonable protection against harmful interference. This equipment may cause harmful interference to radio communications if it is not installed and used in accordance with these instructions. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of more of the following measures:

- Relocate the receiving antenna.
- Increase the separation between the other equipment and the receiver.
- Consult the dealer or an experienced radio technician for help.

Canadian Compliance

This Class B digital apparatus complies with Canadian ICES-003

Cet appareil numérique de la classe B est conforme à la nome NMB-003 du Canada.

Copyrights & Trademarks

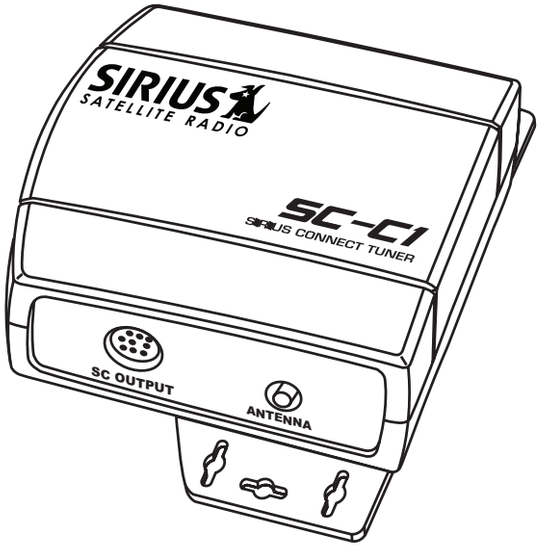
© 2007 Sirius Satellite Radio Inc. All Rights Reserved.

® “SIRIUS”, the SIRIUS dog logo, “SiriusConnect”, channel names and logos are trademarks of Sirius Satellite Radio Inc. All Rights Reserved.

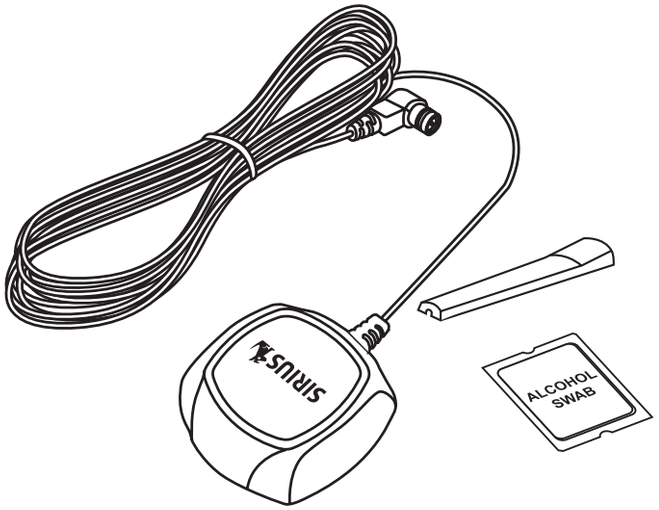
Hardware, subscription, and activation fee required. For full Terms & Conditions, visit http://sirius.com. Prices and programming are subject to change. Not available in HI and AK. Equipment and subscription sold separately. Installation required with some equipment.

Package Contents

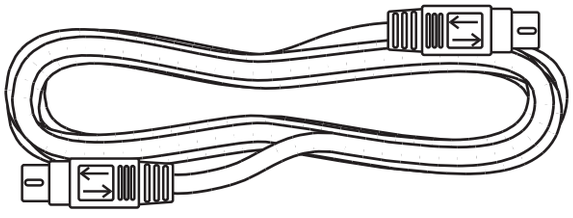
The following items are included with your purchase of the SIRIUS SCC1C SiriusConnect Vehicle Tuner. Unpack the kit carefully and make sure that everything shown is present. If anything is missing or damaged, or if the unit fails to operate properly, notify your dealer immediately. It is recommended that you retain the original carton and packing materials in case you need to ship your kit in the future.



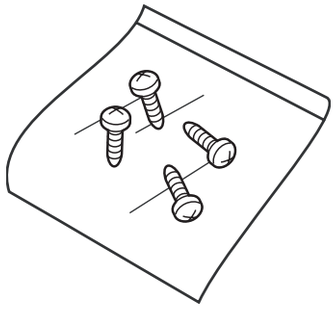
SCC1C Vehicle Tuner
(with mounting plate attached)



Mini-magnetic antenna with 21' cable, tail cover and alcohol pad



SiriusConnect Interface Cable
(Male/Male)



Mounting screws
(x4)

Connections

Connector Information

Figure 1 identifies and describes the connectors on the SCC1C Vehicle Tuner. Figure 2 identifies the 8-pin pin-out configuration.

- **SC OUTPUT:** Connection for the SC Interface Cable.
- **ANTENNA:** Connection for the satellite antenna.

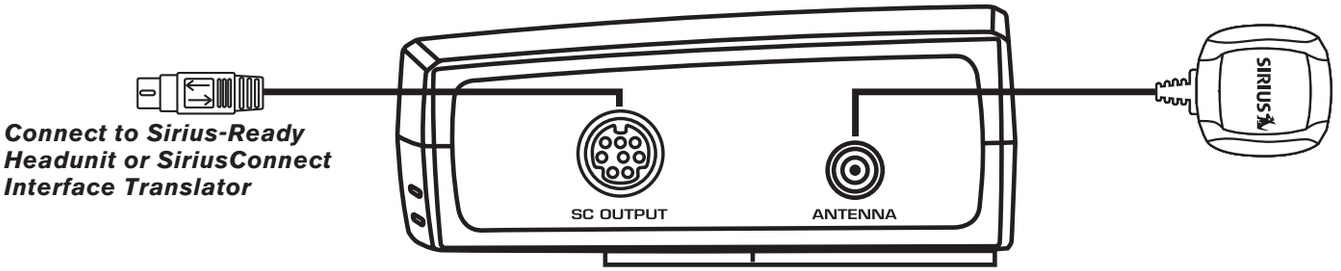
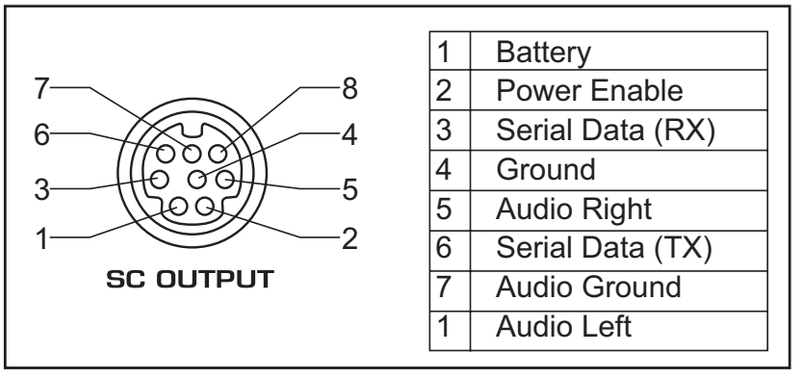


Figure 1



1	Battery
2	Power Enable
3	Serial Data (RX)
4	Ground
5	Audio Right
6	Serial Data (TX)
7	Audio Ground
1	Audio Left

Figure 2

Note 1: The Serial Data TX and RX lines in the SiriusConnect Interface cable are crossed
Note 2: The Audio output is 1volt RMS.

Basic system wiring options

The SCC1C SiriusConnect Vehicle Tuner is designed to work with any Sirius-Ready or SAT Radio Ready headunit. Some headunits will require the use of a SiriusConnect Interface Translator. Please consult your headunit manufacturer for more details concerning compatibility and interface availability. The SCC1C can also be integrated in select factory audio systems. Please consult your retailer for interface compatibility options.

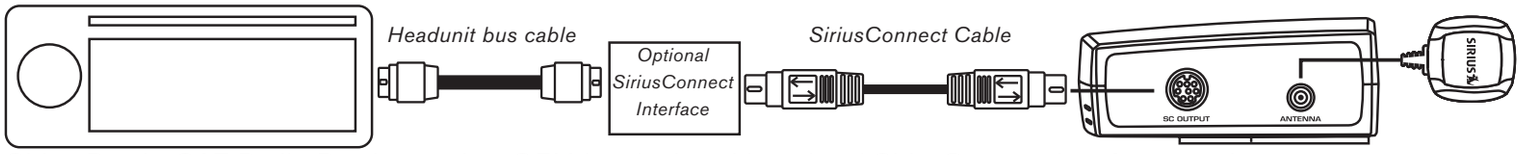
System 1

Sirius-Ready or SAT Radio Ready headunit with a SiriusConnect 8-pin DIN connector. Note that the headunit must be capable of directly communicating to the SCC1C tuner protocol

System 2

Sirius-Ready or SAT Radio Ready headunit with an optional headunit specific connector/adapter. Note that the headunit must be capable of directly communicating to the SCC1C tuner protocol

System 3



Sirius-Ready, SAT Radio Ready or select OEM headunits with optional SiriusConnect Interface translator

Installation

Installing the SCC1C Vehicle Tuner

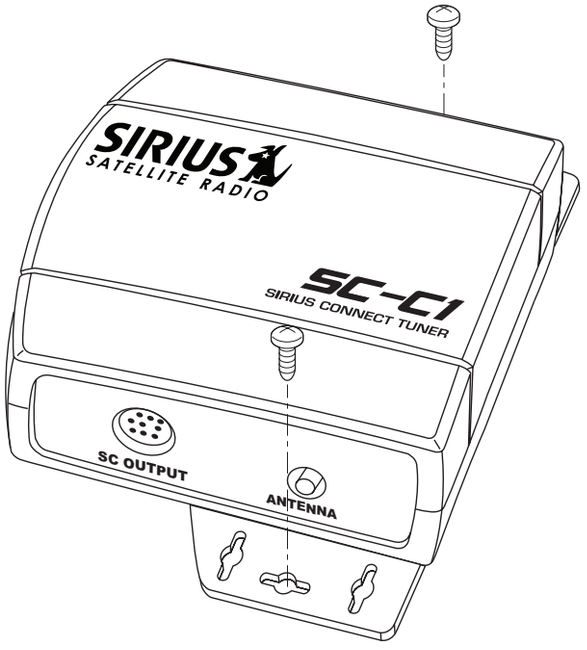
It is recommended that prior to starting the installation, you thoroughly read this manual and follow the guidelines listed below:

Consider the mounting location carefully. You should make sure that you avoid the following:

- Any location where the tuner is exposed to moisture.
- Any location where the unit is exposed to extreme heat.
- Any location where the tuner can not get adequate ventilation.
- Any location that would interfere with moving parts on the vehicle or hamper driving.

Mounting the SCC1C Tuner

Be sure that you find a location that is flat and has clearance above the unit to prevent any damage as well as allow for ventilation.



Caution: If you are attaching the unit directly to the vehicle's chassis, be sure that you check to make sure the area behind the unit is free from moving parts, fuel or break lines, wire harnesses or any other items which may get damaged by drilling a mounting hole or using the supplied screws.

Alternate Mounting Methods

The mounting plate can be removed allowing the SCC1C to be mounted directly to a surface using either double stick tape, Velcro or other adhesive material. Simply remove the 2 screws on the bottom of the SCC1C tuner to remove the bracket as in Figure 3 below. If using adhesive material, avoid covering the SID label.

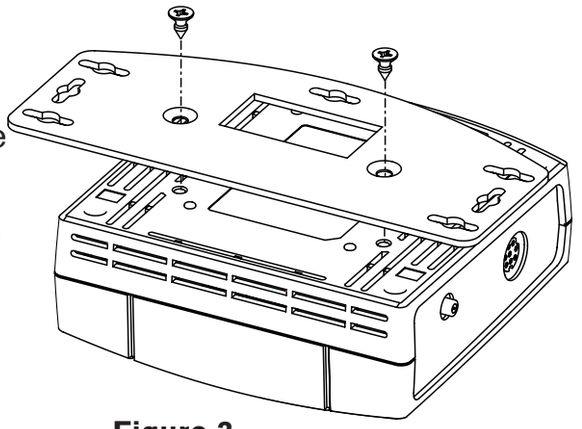


Figure 3

Combining with a SiriusConnect Interface device

Some third-party interfaces are designed with the same asymmetrical chassis as the SCC1C. To connect the units together, simply remove the mounting brackets from each unit, rotate them 90° and connect as show in Figures 4 and 5 below

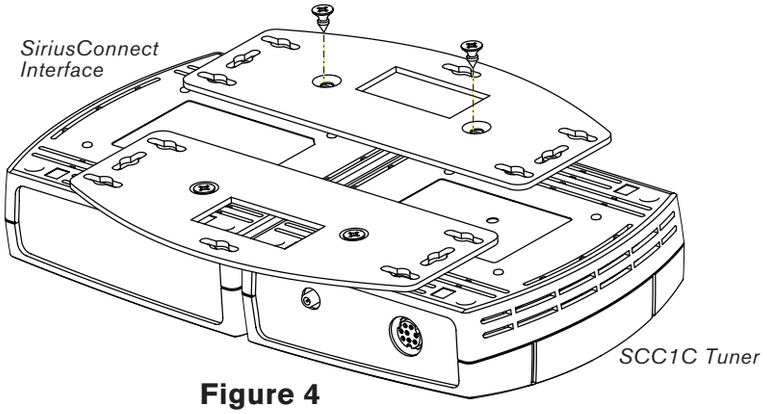


Figure 4

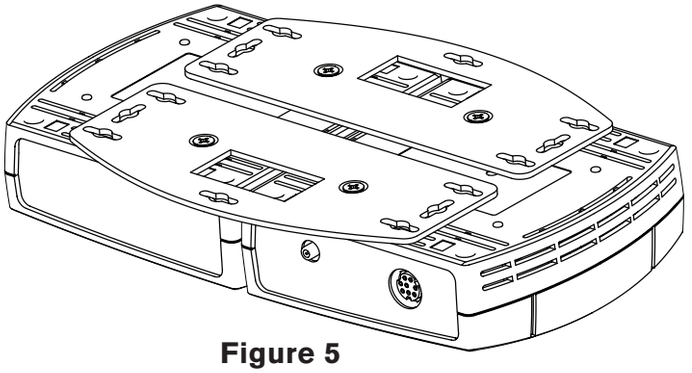


Figure 5

Installing the Antenna

The antenna includes a 2-3/4” cable cover/tail which covers the exposed antenna cable and keeps it attached securely to vehicle roof. The tail also helps position the antenna the proper distance from the window, sunroof or rear hatch.

To attach the cover/tail:

1. Turn the antenna upside-down and extend the cable.
2. Connect the cover/tail to the antenna cable, making sure that the strain-relief on the antenna seats into the cover/tail groove.
3. Route the cable through the wire channel in the cover/tail. (Figure 6)
4. Once you have determined the proper mounting location (see next section), clean the area with the supplied alcohol pad.
5. Remove the remaining protective tape from the adhesive, carefully position the antenna and apply pressure to secure to the vehicle. (Figure 7)

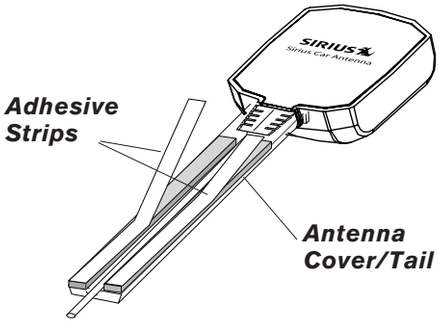


Figure 6

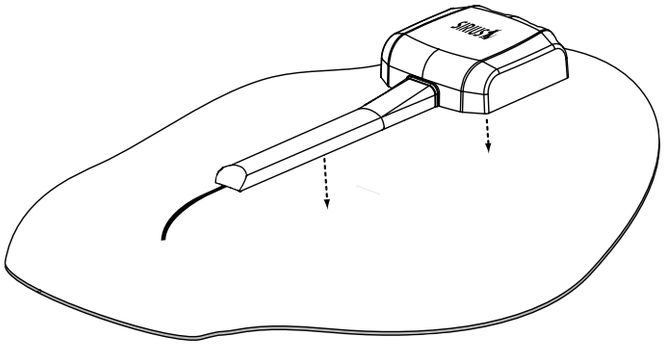
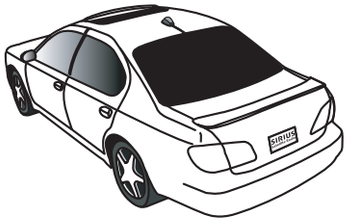


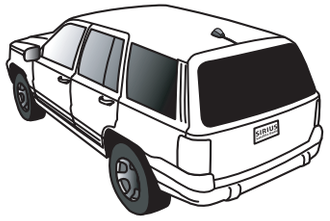
Figure 7

Optimum Antenna Mounting Locations

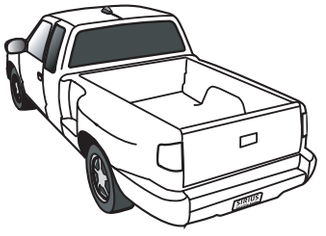
The optimum location to mount the included antenna is on the roof of the vehicle. It is important to avoid any obstruction that will block satellite signal – like a roof rack. For convertible vehicles, install the antenna on the trunk lid.



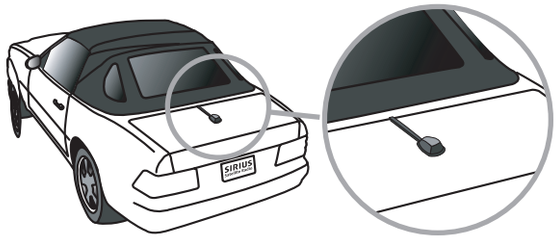
- Place the antenna on a metal surface of your vehicle at least 2-3/4" from a window or another edge. (Use the antenna cover/tail as a guide for the proper distance).
- The antenna's magnet will secure it to the metal surface. The adhesive that is attached to the antenna cover/tail will secure the cable to the vehicle. Before routing the antenna cable, confirm that the antenna is mounted in a good location.



- Route the cable from the antenna to the vehicle's interior by tucking it underneath the rubber molding around the rear window (if possible). Avoid sharp edges or tight areas that may pinch the cable.



- For SUVs, minivans and five-door vehicles, bring the cable into the vehicle under the rubber molding for the tailgate, and continue under the interior trim.
- For convertibles mount the antenna to the rear deck and route the cable into the interior from within the trunk.



Caution:

- *Avoid sharp edges, moving parts and areas of extreme heat.*

Operation

Activating Your SCC1C Tuner

You must activate the SCC1C tuner before you can begin to receive the SIRIUS Satellite Radio Service.

In order to activate your radio subscription, you will need the SIRIUS ID (SID) which uniquely identifies your tuner. The SID can be found on a sticker located on the SCC1C packaging, or on the bottom of the SCC1C itself. When you have located the SID, write it down in the space provided near the end of this manual and store it for future reference.

The SID can also be recalled from your Sirius-Ready headunit. Most units will display the SID on either Channel 0 or on Channel 255. Please consult your headunit owners manual or user guide for specific details.

Power on your system and make sure that you are receiving good signal you are able to hear audio on the SIRIUS Preview channel (Ch-184)

Have your credit card handy and contact SIRIUS on the internet at **https://www.siriuscanada.ca/activate** and follow the prompts to activate your subscription. You can also call SIRIUS toll-free at **1-888-539-SIRIUS (1-888-539-7474)**

Once activated, you will be able to begin enjoying SIRIUS Satellite Radio's digital entertainment and can tune to other channels.

Operation Information

Consult the owners manual for your Sirius-Ready headunit or SiriusConnect Interface for operating instructions.

Specifications

Operation Frequencies	
Satellite	2322.293/2330.207 MHz
Terrestrial	2326.250MHz
Power Requirements	12 Volts DC (1Amp MAX),
Operation Temperature	-20° to +85° C (-4° to 185° F)
Audio Output	1V (RMS)
Signal-to-noise (S/N)	Greater than 75dB
Receiver Dimensions (SCC1C only)	86.7mm x 88.7mm x 33.2mm (WxHxD)
Receiver Weight (with packaging)	520g
Receiver Weight (SCC1C only)	120g)
Receiver Weight (SCC1C with Mounting Bracket)	180g)
Antenna Type	Automotive
Antenna Cable Length	21' (single micro-cable)
Antenna Connector Type	SMB

Warranty

12 Month Warranty

SIRIUS Canada Inc. (the “Company”) warrants to the original retail purchaser of this product that should this product or any part thereof, under normal use and conditions, be proven defective in material or workmanship within 12 months from the date of original purchase, such defect(s) will be replaced with new or reconditioned product (at the Company’s option) without charge for parts and labor. To obtain replacement within the terms of this Warranty, the product is to be delivered with proof of warranty coverage (e.g. dated bill of sale), specification of defect(s), transportation prepaid, to the location shown below under WARRANTY RETURN.

This Warranty does not extend to the elimination of externally generated static or noise, to correction of antenna problems, to costs incurred for installation, removal or reinstallation of the product, or to damage to tapes, compact discs, speakers, accessories, or vehicle electrical systems.

This Warranty does not apply to any product or part thereof which, in the opinion of the Company, has suffered or been damaged through alteration, improper installation, mishandling, misuse, neglect, accident, or by removal or defacement of the factory serial number/bar code label(s). THE EXTENT OF THE COMPANY’S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY’S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

This Warranty is in lieu of all other express warranties or liabilities. ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. ANY ACTION FOR BREACH OF ANY WARRANTY HEREUNDER INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY MUST BE BROUGHT WITHIN A PERIOD OF 48 MONTHS FROM DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL THE COMPANY BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WHATSOEVER. No person or representative is authorized to assume for the Company any liability other than expressed herein in connection with the sale of this product. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage so the above limitations or exclusions may not apply to you. This Warranty gives you specific legal rights and you may also have other rights which vary from state to state.

WARRANTY RETURN: To obtain a replacement within the terms of this Warranty, please return product to an authorized Sirius Canada retailer or call Erikson Consumer Customer Service at (800) 567-3275 for an authorized Sirius retailer near you; proof of purchase and description of defect are required.

Products to be returned to an approved warranty station must be shipped freight prepaid.

SIRIUS ID

Write down the SIRIUS ID (SID) of your SCC1C Tuner in the space provided below.

SID: _____

RADIO YOUR WAY™

SIRIUS Customer Service: 1-888-539-7474
customercare@siriuscanada.ca

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